

PROJECT DESCRIPTION

THIS PROJECT INCLUDES INSTALLATION ADA COMPLIANT SIDEWALK IN THE SOUTHWEST CORNER OF THE INTERSECTION. MD 528 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

THIS INTERSECTION WILL OPERATE IN A NEMA SIX-PHASE FULL-TRAFFIC-ACTUATED MODE WITH ALTERNATE PEDESTRIAN PHASES FOR THE NORTH AND SOUTH LEGS OF THE INTERSECTION. THE MD 528 LEFT TURNS OPERATE IN EXCLUSIVE-PERMISSIVE PHASING.

CONTROLLER REQUIREMENTS

THE EXISTING FULL-TRAFFIC-ACTUATED EIGHT PHASE TRAFFIC SIGNAL CONTROLLER WITH TELEMETRY CABLE HOUSED IN A BASE MOUNTED CABINET SHALL BE USED. VIDEO DETECTION INTERFACE EQUIPMENT AND APS CENTRAL CONTROL UNIT SHALL REMAIN.

SPECIAL NOTES

APS WILL FUNCTION AS FOLLOWS:

TO CROSS COASTAL HIGHWAY:

- A. WHEN PEDESTRIAN LOCATES AND PRESSES PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT MESSAGE WILL BE "WAIT TO CROSS COASTAL HIGHWAY AT 139TH."
- B. WHEN WALK PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK WHICH WILL LAST FOR THE DURATION OF THE WALK PHASE.

CONTACT PERSONS FOR DISTRICT #1 ARE AS FOLLOWS:

MR. WAYNE SNOWDEN
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MR. GREG HOLSEY
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PHONE: (410) 677-4020

MR. BRUCE POOLE
DISTRICT UTILITY ENGINEER
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MR. TERRY MCGEAN
TOWN OF OCEAN CITY - CITY ENGINEER
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CONTACT PERSONS FOR OOTS ARE AS FOLLOWS:

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GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
2. THE CONTRACTOR SHALL COORDINATE WITH DISTRICT 1 TRAFFIC TO COORDINATE TRAFFIC SIGNAL TURN OFF AND TEMPORARY STOP CONTROL. CONTRACTOR SHALL VERIFY ANY EVENT OR DATE RESTRICTIONS PRIOR TO TRAFFIC SIGNAL TURN OFF.
3. UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING "MISS UTILITY" PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
4. THE CONTRACTOR SHALL CAP AND ABANDON CONDUIT FEEDING SIGNAL EQUIPMENT THAT IS REMOVED.
5. ADA REQUIRES THAT ANY ABRUPT CHANGE IN ELEVATION IN SIDEWALK BE LESS THAN 1/4".

WIRING KEY

A,B,C,D,E DISCONNECT, PULL BACK & REROUTE EXISTING SIGNAL CABLE

Z STRANDED BARE COPPER GROUND WIRE (NO. 6 AWG)

PROPOSED GROUND ROD

EXISTING GROUND ROD

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE SUPPLIED BY THE SHA.
NONE

EQUIPMENT LIST "B"

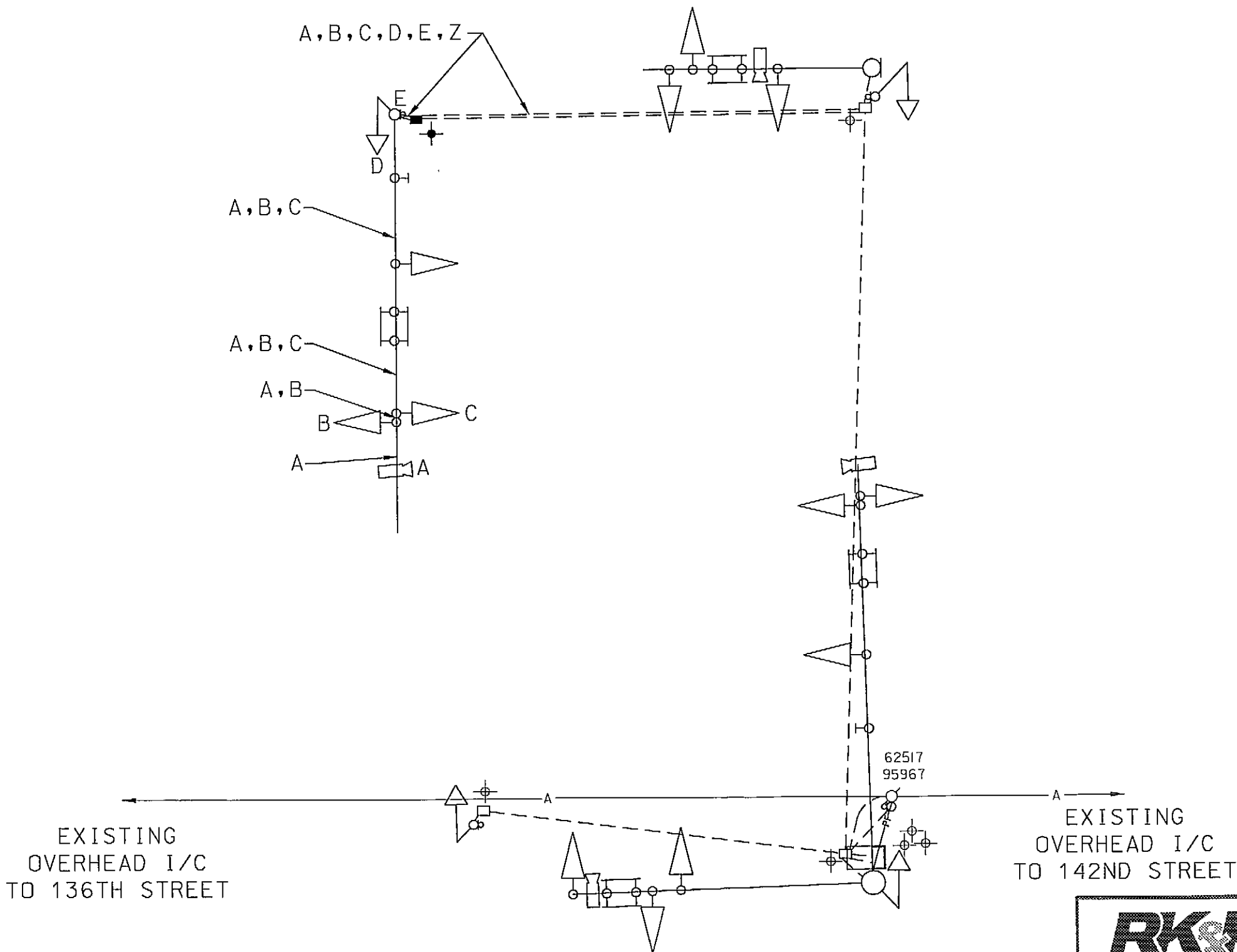
B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
1003	MAINTENANCE OF TRAFFIC	EA	1
2002	TEST PIT EXCAVATION	CY	5
5005	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS ANY WIDTH	LF	510
5006	F & I 12" WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES	LF	510
6001	F & I STANDARD TYPE A COMBINATION CURB AND GUTTER 12" GUTTER PAN 8" DEPTH	LF	123
6002	F & I 5" CONCRETE SIDEWALK	SF	301
6003	F & I DETECTABLE WARNING SURFACE FOR CURB RAMPS	SF	20
8021	REMOVE & DISPOSE MATERIAL AND EQUIPMENT PER ASSIGNMENT	EA	1
8030	DISCONNECT, PULL-BACK & REROUTE CABLES	LF	720
8032	F & I SCHEDULE 80 RIGID PVC CONDUIT UP TO 4" - BORED	LF	80
8034	F & I SCHEDULE 80 RIGID PVC CONDUIT UP TO 4" - TRENCHED	LF	10
8038	F & I NO. 6 AWG STRANDED BARE COPPER GROUND WIRE	LF	100
8045	F & I ELECTRICAL HANDHOLE	EA	1
NEG	RELOCATE ELECTRICAL FEED AND RECEPTACLE	EA	1

EQUIPMENT LIST "C"

C. EQUIPMENT TO BE REMOVED BY THE CONTRACTOR AND DELIVERED TO THE STATE HIGHWAY ADMINISTRATION, 7491 CONNELLEY DRIVE, HANOVER, MARYLAND 21076.

ALL MATERIALS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME PROPERTY OF THE CONTRACTOR.



RK&K

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Engineers - Construction Managers - Planners - Scientists
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PHASING CHART

NO PHASE CHANGE

SHA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 528 (COASTAL HWY.) AT 139TH ST.
OCEAN CITY, MARYLAND

GENERAL INFORMATION SHEET

SCALE NONE DATE APRIL 2010 CONTRACT NO. XX4435185

DESIGNED BY BJC COUNTY WORCESTER
DRAWN BY BJC LOGMILE 23052800.49
CHECKED BY BLB TMS NO. K186
FAP NO. TOD NO.

TS NO. 2316C-G1 DRAWING SG-2 OF 2 SHEET NO. 2 OF 3